## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.usplo.gov

### NOTICE OF ALLOWANCE AND FEE(S) DUE

57299

7590

06/01/2007

Kathy Manke Avago Technologies Limited 4380 Ziegler Road Fort Collins, CO 80525

	EXAMINER
	HA, DAC V
ART UNIT	PAPER NUMBER
2611	

DATE MAILED: 06/01/2007

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/718,206	11/20/2003	Alvin Leng Sun Loke	10031053-1	1765

TITLE OF INVENTION: PHASE DETECTOR SYSTEM WITH ASYNCHRONOUS OUTPUT OVERRIDE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	09/04/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### **HOW TO REPLY TO THIS NOTICE:**

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

**Commissioner for Patents** P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless correcte maintenance fee notifica	ed below or directed oth	ng the Patent, advance on nerwise in Block 1, by (a	rders and notification of a specifying a new corre	maintenance fees was pondence address;	ill be i and/or	mailed to the current (b) indicating a separ	correspondence address as ate "FEE ADDRESS" for
		ock 1 for any change of address)	Fee	(c) Transmittal Thi	e certifi	icate cannot be used for	domestic mailings of the or any other accompanying t or formal drawing, must
57299 Kathy Manke	7590 06/01	/2007		Cer	tificato	of Mailing or Transn	nission
Avago Technolo 4380 Ziegler Ro	ad		l he Stat add tran	ereby certify that the tes Postal Service was ressed to the Mail asmitted to the USP	is Fec(s tith suff Stop 1 TO (57)	<ul> <li>Transmittal is being ficient postage for first ISSUE FEE address at 1) 273-2885, on the da</li> </ul>	deposited with the United class mail in an envelope above, or being facsimile te indicated below.
Fort Collins, CO	80525						(Depositor's name)
							(Signature)
		•					(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		АТТОІ	RNEY DOCKET NO.	CONFIRMATION NO.
10/718,206	11/20/2003		Alvin Leng Sun Loke			10031053-1	1765
			HRONOUS OUTPUT OV		r		
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE	E FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0		\$1700	09/04/2007
EXAM		ART UNIT	CLASS-SUBCLASS	J			
HA, D	AC V ence address or indication	2611	375-373000				
CFR 1.363).  Change of corresponders form PTO/SE  "Fee Address" indi PTO/SB/47; Rev 03-0 Number is required.	ondence address (or Cha 3/122) attached. ication (or "Fee Address' 2 or more recent) attach	nge of Correspondence Indication form Indication form	2. For printing on the p (1) the names of up to or agents OR, alternati (2) the name of a single registered attorney or a 2 registered patent attorned listed, no name will be	o 3 registered patent vely, e firm (having as a agent) and the name rneys or agents. If i printed.	t attorno	era 2	
PLEASE NOTE: Unl	ess an assignee is identi h in 37 CFR 3.11. Comp	fied below no assignee	THE PATENT (print or type data will appear on the part of the part	atent. If an assigne assignment.			cument has been filed for
Please check the appropri	ate assignee category or	categories (will not be pr	inted on the patent):	Individual 🗆 Co	rporatio	on or other private grou	p entity Government
la. The following fee(s) a  Issue Fee  Publication Fee (N  Advance Order - #	o small entity discount p	ermitted)	D. Payment of Fcc(s): (Plea A check is enclosed.  Payment by credit car	d. Form PTO-2038	y previ	ously paid issue fee sl	nown above)
	tus (from status indicated						
	s SMALL ENTITY statu		b. Applicant is no long	ger claiming SMAL	L ENT	ITY status. See 37 CFI	R 1.27(g)(2).
nterest as shown by the r	ecords of the United Stat	tes Patent and Trademark	d from anyone other than to Office.	he applicant; a regis	stered a	ttorney or agent; or the	assignee or other party in
Authorized Signature				Date			
		· · · · · · · · · · · · · · · · · · ·					
This collection of information application. Confident ubmitting the completed his form and/or suggestion 1450, Alexandria, Vi	ation is required by 37 C iality is governed by 35 application form to the ons for reducing this bur irginia 22313-1450. DO	FR 1.311. The informatio U.S.C. 122 and 37 CFR I USPTO. Time will vary den, should be sent to the NOT SEND FEES OR C	on is required to obtain or r 1.14. This collection is est depending upon the indiv the Chief Information Office COMPLETED FORMS TO	ctain a benefit by the imated to take 12 m idual case. Any cour, U.S. Patent and This ADDRESS	ne publication pub	c which is to file (and lot complete, including on the amount of times ark Office, U.S. Depart TO: Commissioner for	by the USPTO to process) gathering, preparing, and e you require to complete tment of Commerce, P.O. r Patents, P.O. Box 1450

Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

APPLICATION NO.	FIL	LING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/718,206	. 1	1/20/2003	Alvin Leng Sun Loke	10031053-1	1765		
57299	7590	06/01/2007		EXAM	EXAMINER		
Kathy Manke				HA, D	AC V		
Avago Technolo		ed		ART UNIT	PAPER NUMBER		
4380 Ziegler Ro Fort Collins, CC				2611 DATE MAILED: 06/01/200	7		

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 761 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 761 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.